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Volume 252, May 1987
Volume 21, May 1987

Page C483: T. L. Trosper and K. D. Philipson. "Lactate transport by cardiac sarcolemmal vesicles." Page C483: the first sentence of paragraph 2 should read: Recent reports of lactate uptake by isolated cardiac myocytes (14) and perfused hearts (2, 16) presented evidence suggesting that lactate traversal of the cardiac sarcolemma is mediated by a carrier specific for monocarboxylic acids. Page C485: Fig. 1 legend should read: L-Lactate uptake into sarcolemmal vesicles as a function of time at room temperature. 1 mM L-lactate in external medium; vesicles loaded with 280 mM sucrose, pH 7.4. External media: 112 mM NaCl, 56 mM sucrose, pH 7.4, with (*closed circles*) or without (*open circles*) 5 μM monensin; or 280 mM sucrose, pH 7.4 (×) or 5.9 (*open squares*). Data points on upper curves are means ± SD of 3 or more experiments. Lower curves are averages of 2 experiments. *Inset*: L-lactate uptake at short times from NaCl plus monensin, pH 7.4. Page C485: last line of Fig. 3 legend should read: Slope, which is least-squares fit of the data, gives apparent K_m for L-laxtate of 27 mM. Page C489: References 2, 14, and 16 should read:

2. Dennis, S. C., M. C. Cohn, G. J. Anderson, and D. Garfinkel. Kinetic analysis of monocarboxylate uptake into perfused rat hearts. *J. Mol. Cell. Cardiol.* 17: 987–995, 1985.
14. Kammermeier, H., B. Wein, and W. Graf. Characteristics of lactate transport in isolated cardiac myocytes. *Basic Res. Cardiol.* 80, *Suppl.* 1: 57–60, 1985.
16. Mann, G. E., B. V. Zlokovic, and D. L. Yudilevich. Evidence for a lactate transport system in the sarcolemmal membrane of the perfused rabbit heart. *Biochim. Biophys. Acta* 819: 241–246, 1985.

American Journal of Physiology: Endocrinology and Metabolism

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Volume 250, June 1986
Volume 13, June 1986

Page E622: E. Cersosimo, P. E. Williams, P. M. Radosevich, B. T. Hoxworth, W. W. Lacy, and N. N. Abumrad. "Role of glutamine in adaptations in nitrogen metabolism during fasting." Page E626: Fig. 3, top panel, label should read Arterial Ammonia (mg/dl).

American Journal of Physiology: Gastrointestinal and Liver Physiology

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Volume 252, May 1987
Volume 15, May 1987

Page G662: Terri F. Apfelbaum, Nicholas O. Davidson, and Robert M. Glickman. "Apolipoprotein A-IV synthesis in rat intestine: regulation by dietary triglyceride." *Page G663*: sentence beginning on line 10, second column, should read "Data are expressed as mean ± 1 SD, and comparisons for both paired and unpaired means were made by Students *t* test."

American Journal of Physiology: Heart and Circulatory Physiology

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Volume 253, July 1987
Volume 22, July 1987

Page H31: T. Nozawa, Y. Yasumura, S. Futaki, N. Tanaka, Y. Igarashi, Y. Goto, and H. Suga. "Relation between oxygen consumption and pressure-volume area of in situ dog heart." *Page H37*: *Fig. 6*: Although the last sentence of the legend states "*Solid lines* are linear regression lines, and inner and outer pairs of *dashed curves* around them are 95% confidence limits of regression lines and data points, respectively," these *dashed lines* show one standard deviation of both the slope of the regression line and the sampled data from the regression line. The authors forgot to multiply these standard deviation values by t value (2.069 for degrees of freedom = 23) for $P = 0.05$ in the computer software to obtain the 95% confidence limits. The other statistical results in Fig. 6 are correct.

Volume 253, July 1987
Volume 22, July 1987

Page H107: D. W. Myears, B. E. Sobel, and S. R. Bergmann. "Substrate use in ischemic and reperfused canine myocardium: quantitative considerations." *Page H109*: unit of measure for NEFA should be μmol/l in Table 1.

Volume 253, October 1987
Volume 22, October 1987

Page H985: J. R. Moorman, Z. Zhou, G. E. Kirsch, A. E. Lacerda, J. M. Caffrey, D. M.-K. Lam, R. H. Joho, and A. M. Brown. "Expression of single calcium channels in *Xenopus* oocytes after injection of mRNA from rat heart." *Page H991*: the following should have been included in the acknowledgements: We are grateful to John Leonard and Terry Snutch for their help and advice with the oocyte expression system.

American Journal of Physiology: Regulatory, Integrative and Comparative Physiology

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INVITED COMMENTARY

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Volume 253, July 1987
Volume 22, July 1987

Pages R179-R185: Eiji Gotoh, Kazuharu Murakami, Tristram D. Bahnson, and William F. Ganong. "Role of brain serotonergic pathways and hypothalamus in regulation of renin secretion." In Tables 1, 2, 4, 5, and 6 the units were published incorrectly. Corrected versions of the tables follow.

Page R180:

TABLE 1. *Changes in PRA produced by PCA*

	Sham Operation		Lesion	
	Saline	PCA	Saline	PCA
	PRA, ng ANG I·ml^{-1}·2 h^{-1}			
Lesions of dorsal raphe nucleus	9.2±1.9 (5)	23.3±5.8*† (5)	8.4±1.0 (9)	13.0±1.4* (13)
Lesions of paraventricular nuclei	12.7±2.4 (8)	38.8±7.5† (7)	17.6±1.2 (8)	15.6±2.6‡ (8)
Lesions of dorsomedial nuclei	21.5±1.5 (7)	38.6±7.9† (8)	18.8±2.9 (6)	47.5±14.4† (6)

Values are means ± SE; *n*, no. of animals in parentheses. PRA, plasma renin activity; ANG I, angiotensin I; PCA, *p*-chloroamphetamine (10 mg/kg). * 2 h after PCA. † $P < 0.05$ vs. control. ‡ $P < 0.05$ lesions vs. sham.

Page R182:

TABLE 2. *Changes in plasma ACTH produced by PCA, immobilization, and head-up tilt*

	Sham Lesions	Paraventricular Lesions
	Plasma ACTH, pg/ml	
PCA	254.6±27.9* (7)	80.0±4.7† (8)
Saline	65.8±3.2 (8)	67.3±4.1 (8)
Immobilization	405.4±79.0* (8)	90.2±10.8† (8)
Control	83.2±3.5 (8)	75.1±2.6 (7)
Head-up tilting	218.5±32.3* (19)	87.6±8.1† (22)
Control	89.1±11.6 (16)	54.0±2.6 (17)

Values are means ± SE; *n*, no. of animals in parentheses. ACTH, adrenocorticotropic hormone; PCA, *p*-chloroamphetamine. * $P < 0.05$ vs. control. † $P < 0.05$ lesions vs. control.

Page R183:

TABLE 4. *Changes in PRA and PRC produced by immobilization*

	Sham Operation		Lesion	
	Control	Immobilization	Control	Immobilization
	PRA, ng ANG I·ml^{-1}·2 h^{-1}			
Lesions of dorsal raphe nucleus	11.3±1.2 (7)	61.2±8.7* (8)	12.7±1.4 (9)	68.7±5.3* (9)
Lesions of paraventricular nuclei	11.1±1.0 (8)	61.7±5.3* (8)	10.9±1.2 (9)	20.5±2.1† (9)
Lesions of dorsomedial nuclei	11.6±0.9 (8)	60.9±4.1* (9)	11.8±1.2 (10)	50.4±3.9* (10)
	PRC, ng ANG I·ml^{-1}·2 h^{-1}			
Lesions of paraventricular nuclei	98.5±14.6 (7)	271.7±71.6* (8)	115.8±19.7 (8)	279.6±37.9* (8)

Values are means ± SE; *n*, no. of animals in parentheses. PRA, plasma renin activity; PRC, plasma renin concentration; ANG I, angiotensin I. * $P < 0.05$ vs. control. † $P < 0.05$ lesions vs. sham.

TABLE 5. *Changes in PRA and PRC produced by head-up tilt in rats anesthetized with Inactin (120 mg/kg)*

	Sham Operation		Lesion	
	Control	Tilt	Control	Tilt
		PRA, ng ANG I·ml⁻¹·2 h⁻¹		
Lesions of dorsal raphe nucleus	49.2±3.9 (8)	110.1±13.5* (10)	50.1±5.0 (8)	137.1±16.4* (11)
Lesions of paraventricular nuclei	54.2±14.2 (18)	119.0±13.9* (20)	40.2±6.7 (19)	64.0±5.0† (24)
Lesions of dorsomedial nuclei	55.1±7.4 (8)	166.2±12.0* (9)	67.9±5.5 (9)	142.6±16.1* (10)
		PRC, ng ANG I·ml⁻¹·2 h⁻¹		
Lesions of paraventricular nuclei	231.7±55.5 (12)	541.9±89.1* (18)	289.6±39.5 (17)	628.2±44.9* (20)

Values are means ± SE; *n*, no. of animals in parentheses. PRA, plasma renin activity; PRC, plasma renin concentration; ANG I, angiotensin I. * $P < 0.05$ vs. control. † $P < 0.05$ lesions vs. sham.

Page R184:

TABLE 6. *Changes in PRA and PRC produced by feeding a low-sodium diet for 7 days*

	Sham Operation		Lesion	
	Control	Low sodium	Control	Low sodium
		PRA, ng ANG I·ml⁻¹·2 h⁻¹		
Lesions of dorsal raphe nucleus	14.0±1.5 (8)	38.3±5.1 (8)	13.5±2.1 (9)	40.2±4.8* (9)
Lesions of paraventricular nuclei	14.6±1.3 (9)	40.9±5.2* (11)	8.6±1.3† (8)	12.3±1.5† (16)
Lesions of dorsomedial nuclei	15.9±2.1 (7)	48.7±5.5* (8)	16.2±2.4 (8)	51.5±4.4* (9)
		PRC, ng ANG I·ml⁻¹·2 h⁻¹		
Lesions of paraventricular nuclei	91.1±7.5 (9)	258.5±33.6* (11)	95.0±15.0 (8)	284.3±29.3* (16)

Values are means ± SE; *n*, no. of animals in parentheses. PRA, plasma renin activity, PRC, plasma renin concentration; ANG I, angiotensin I. * $P < 0.05$ vs. control. † $P < 0.05$ lesions vs. sham.

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Volume 252, June 1987
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Page F1148: Robert A. Star, Maurice B. Burg, and Mark A. Knepper. "Luminal disequilibrium pH and ammonia transport in outer medullary collecting duct." We regret that an error was made in the title of this article. The correct title and the article are reprinted in the August 1987 issue of this journal.

Page F1167: P. S. Avasthi, E. R. Greene, and W. F. Voyles. "Noninvasive Doppler assessment of human postprandial renal blood flow and cardiac output." *Page F1173*: DISCUSSION, the subheading in the second column should read *Cardiac Output*, not *Carbon Monoxide*.

Volume 253, August 1987
Volume 22, August 1987

Page F366: Chung-Lin Chou and Donald J. Marsh. "Measurement of flow rate in rat proximal tubules with a nonobstructing optical method." *Page F368*: the estimation equation should read:

$$r_\tau = \frac{\sum_{i=1}^{n} x_i y_{i+\tau}}{\left(\sum_{i=1}^{n} x_i^2 \sum_{i=1}^{n} y_{i+\tau^2}\right)^{1/2}},\ 1 \le \tau \le 150$$